SECO-LARM

Corner Mount Camera

Manual

(EV-4606-N2SBQ shown)

Features	EV-4605-N2SQ	EV-4606-N2SBQ
550 TV Lines	✓	✓
1/3" Sony Super HAD II Color CCD	✓	✓
2.3mm Lens	✓	✓
160° Viewing Angle	✓	✓
30 IR LEDs		✓

Note: Model numbers that end with "Q" or that have a round green "Q" sticker signify RoHS-compliant products.

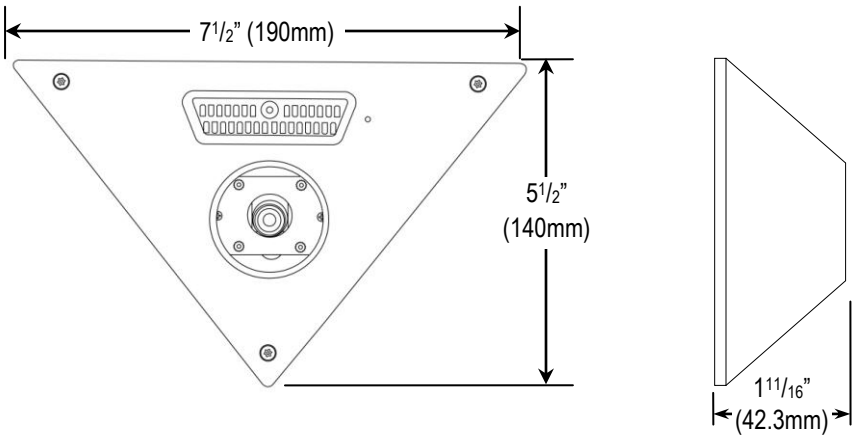
Specifications:

	EV-4605-N2SQ	EV-4606-N2SBQ
Type	Corner Mount Camera	
CCD	1/3" Sony Super HAD II Color CCD	
Resolution	Color: 550 TV lines	
	B/W: 590 TV lines	
Pickup elements	768x494 pixels	
Video output format	NTSC	
Video output	1.0Vp-p composite video, 75Ω	
Scanning system	2:1 Interlace	
Lens	2.3mm	
Viewing angle	160°	
Minimum illumination	0.1-lux (F/1.4)	0.1-lux (F/1.4) (LEDs OFF)
		0-lux (F/1.4) (LEDs ON)
S/N ratio	>48dB	
# of IR LEDs	N/A	30 (850nm)
Gamma correction	0.45	
Gain control	Auto	
IP rating	IP65	
Power source	12VDC±10%	
Current draw	83mA	83mA (LEDs off)
		333mA (LEDs on)
Operating temperature	14°~122° F (-10°~50° C)	
Dimensions (LxWxH)	7 1/2"x5 1/2"x1 11/16" (190x140x42.3 mm)	
Weight	15-oz (430g)	

Parts List:

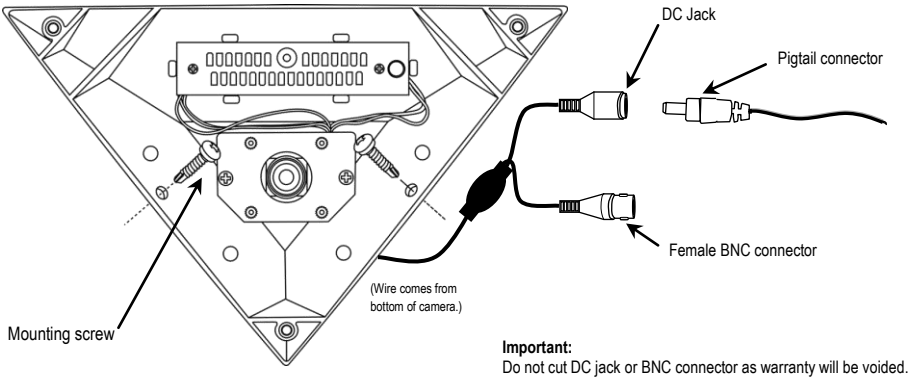
1 x Manual
1 x Camera
1 x Camera cover
2 x Mounting screws
3 x Security screws
1 x Security wrench
1 x Pigtail connector

Dimensions:

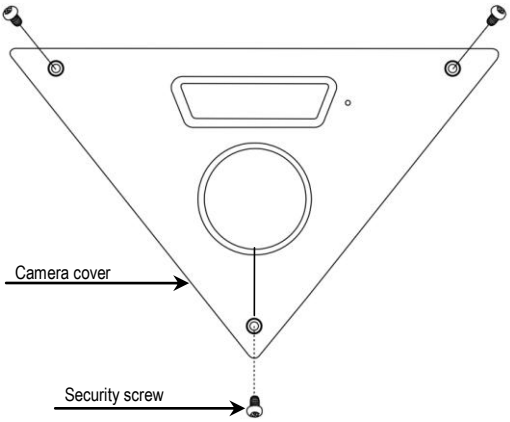


Note: EV-4606-N2SBQ shown. Both models have the same dimensions.

Overview:



Important:
Do not cut DC jack or BNC connector as warranty will be voided.



Note: EV-4606-N2SBQ shown.

Before Starting:

1. Please read this manual carefully and keep it for future reference.
2. Use the camera within given temperature and electrical limits.
3. Do not mount the camera where it is exposed to rain or other moisture, or in humid or dusty places.
4. Do not point the camera at the sun. Intense light could damage the camera, even when not in use.
5. Do not mount the camera in areas exposed to radiation, strong magnetic fields, or strong electrical signals.*
6. Do not drop the camera or subject it to strong vibrations.

* **Note:** Many video monitors produce strong electromagnetic fields close to the display CRT, especially when the monitor is turned on or during de-Gaussing, which occurs automatically with many monitors when the monitor is turned on.

Installation:

1. Run a 12VDC power supply wire and a video cable with a male BNC connector through the wall at the corner where the camera is to be mounted.
2. Use the included security wrench to loosen the screws and remove the camera cover from the camera.
3. Connect the power supply and video cable. Turn the monitor on and make sure the camera is sending the proper video signal.
4. Mount the camera against the corner using the two included mounting screws. If the wall is made of dry wall, brick, or similar material, it may be necessary to use screw anchors (not included).
5. Attach the base cover using the included security wrench.
6. Do a final test of the video camera and monitor.

Troubleshooting:

The screen is blank.	• Check that the camera is powered up. • Check that the power supply's polarity is correct. • Check that the monitor is powered up. • Check that the video cable connecting the camera to the monitor is connected properly.
The screen image is dim	• Clean the lens using a soft, clean cloth. • Check that the light source is adequate.
The screen image has poor contrast.	• Adjust the monitor's contrast knob. • Change the position of the camera.
The screen image flickers.	• Change the position of the camera.
The screen image is distorted.	• Change the position of the camera.
The camera case is hot.	• Check that the correct power supply is in use.
IR LEDs do not turn on.	• Check that the correct power supply is in use.

IMPORTANT

Users and installers of this product are responsible for ensuring this product complies with all national, state, and local laws and statutes related to monitoring and recording audio and video signals. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or statutes.

WARNING

Stop using the camera if you see a malfunction such as smoke or unusual heat, as it could cause fire or electric shock. Do not open the case of this device, as there are no user-serviceable components inside.

FCC COMPLIANCE STATEMENT

Information to the user: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his or her own expense.

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for a period of one (1) year from the date of sale to the original consumer customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM.
This Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship.
The sole obligation of SECO-LARM, and the purchaser's exclusive remedy, shall be limited to replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damages of any kind to the purchaser or anyone else.

NOTICE

The information and specifications printed in this manual are current at the time of publication. However, the SECO-LARM policy is one of continual development and improvement. For this reason, SECO-LARM reserves the right to change specifications without notice. SECO-LARM is also not responsible for misprints or typographical errors.

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